

## How to Apply

A portal (a vortal geared towards a specific niche audience with focused content) has been developed and implemented to facilitate the online management of all training programmes including Short course training programmes sponsored by Agricultural Education Division, ICAR. Scientists and Assistant Professors, involved in crop protection and organic farming, interested in attending the Short Course are requested to use the portal that can be accessed through <http://iasri.res.in/cbp> or under the link Capacity Building Program at <http://icar.org.in>. Applications will be received online only. After filling the online application, take a printout of the application and get it approved by the competent authority of the organization. Upload the scanned copy of application through CBP vortal. Selection of trainees will be intimated online. Last date for applying through online is 07.08.2017. Kindly see the web links provided for online submission of applications. The application form should include non-refundable course fee of Rs.50/- (Rupees fifty only) in the form of DD drawn in favour of "Comptroller, AAU" payable at SBI, Jorhat, Assam.

## Print Screen Image of CBP vortal for online application



<http://www.icar.org.in/> → Capacity Building Programmes

## Eligibility

Master's Degree in Agriculture with specialization in Plant Pathology, Entomology, Nematology, Microbiology and working in the rank of Assistant Professor or equivalent and above in ICAR Institutes, SAUs, CAU, Agricultural Faculty of AMU, BHU, Viswa Bharti and Nagaland University NARS (ICAR or SAUs).

## Correspondence

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**10 days short course on**

**"Preparation of bioformulation of fungal and bacterial biocontrol agents for management of biotic stress of agricultural crops"**

**1<sup>st</sup> September to 10<sup>th</sup> September, 2017**



### Course Director

Dr. Pranab Dutta

### Course Coordinators

Dr. K. C. Puzari

Dr. A. Bhattacharyya

### Organized by;

Department of Plant Pathology  
Assam Agricultural University  
Jorhat-785013, Assam

### Sponsored by;

Indian Council of Agricultural  
Research (ICAR)  
New Delhi-110012

## About the Short Course

Use of biocontrol agents not only manages the plant diseases with ecological balance, but also promotes production of safe food. It reduces the use of synthetic pesticides and plant pathogen can not develop resistance against the biocontrol agents. At AAU, Jorhat we identified potential biocontrol agents for the management of fungal, bacterial and nematode diseases and insect pests. The protocol for mass culture and bioformulation with higher shelf life has been standardized. Training will be imparted on the techniques with an aim to disseminate the knowledge among the participant of different parts of the country.



## Subject Areas Covered

1. Isolation of fungal and bacterial biocontrol agents from rhizosphere, phyllosphere, and insect cadavers
2. Taxonomic and molecular characterization
3. Maintenance of culture
4. Identification of potential biocontrol agents
5. Mass culture of biocontrol agents
6. Factor affecting the bioformulation
7. Role spreader, sticker and adjuvant in preparation of bioformulation
8. Preparation of high quality liquid and solid bioformulation.
9. Shelf life study, Quality control

## AAU at a Glance

Assam Agricultural University is the first institution of its kind in the whole of North Eastern Region of India. The main goal of this institution is to produce globally competitive human resources in farm sector and to



carry out research in both conventional and frontier areas for production optimization as well as to disseminate the generated technologies as public good for benefiting the food growers/producers and traders involved in the sector

while emphasizing on sustainability, equity and overall food security at regional and national level. The university is the recipient of country's prestigious "Sardar Patel Outstanding Institution Award, 2014" conferred by Indian Council of Agricultural Research (ICAR) for performing excellence in the field of research, teaching and extension activities.

## How to reach AAU

AAU is located in Jorhat which is one of the hubs of tea industry of Assam. Jorhat is well connected by road, air and rail networks. The university is at a distance of 5 km from Inter-State Bus Terminus (ISBT), Jorhat; 6 km from Jorhat Town Railway Station and 4 km from Jorhat Airport. Jorhat is connected through direct trains and flight service from different parts of the country. Also Jorhat has regular bus, train and flight services from Guwahati, 300 km away from Jorhat.

## Travel and Accommodation

The participants will be paid for the journey, to and fro, restricted to AC-II-tier train fare or bus. TA will be paid from the place of duty to the short course training location (AAU) and back by the shortest route. Facilities for boarding and lodging will be made available for the participants free of cost at AAU- Guest House. Local participants are not eligible for boarding and lodging, however, local hospitality i.e. working lunch, tea, etc. will be provided.